

SEQUENCE LISTING

<110> Medvet Science Pty Ltd

<120> A Method of Modulating Cellular Activity

<130> 12185280/TDO

<150> 2003900230

<151> 2003-01-21

<150> 2002951668

<151> 2002-09-19

<150> PS1448

<151> 2002-03-28

<150> PS1538

<151> 2002-04-05

<150> PS1621

<151> 2002-04-08

<160> 14

<170> PatentIn version 3.1

<210> 1

<211> 10

<212> PRT

<213> mammalian

<400> 1

Lys Thr Pro Ala Ser Pro Val Val Val Gln

1

5

10

<210> 2
<211> 14
<212> PRT
<213> mammalian

<400> 2

Cys Gly Ser Lys Thr Pro Ala Ser Pro Val Val Val Gln Gln
1 5 10

<210> 3
<211> 11
<212> PRT
<213> mammalian

<400> 3

Ser Lys Thr Pro Ala Ser Pro Val Val Val Gln
1 5 10

<210> 4
<211> 21
<212> DNA
<213> mammalian

<400> 4
cggctgctgg cgcccatgaa c

21

<210> 5
<211> 24
<212> DNA
<213> mammalian

<400> 5
tgtggacctc gaggctgaga agta

24

<210> 6

<211> 27

<212> DNA

<213> mammalian

<400> 6

agtgagaagg ctcggcgcct gggggag

27

<210> 7

<211> 20

<212> DNA

<213> mammalian

<400> 7

aagagtgggc gccaaagacac

20

<210> 8

<211> 28

<212> DNA

<213> mammalian

<400> 8

aagagtggga tccaaggcgc ctgcctcc

28

<210> 9

<211> 24

<212> DNA

<213> mammalian

<400> 9

aagacacctg cggcgcccgt tgtg

24

<210> 10
 <211> 24
 <212> DNA
 <213> mammalian

<400> 10
 acacctgccg aaccggttgt ggtc

24

<210> 11
 <211> 19
 <212> DNA
 <213> mammalian

<400> 11
 tctcactggg cagtgggtgc

19

<210> 12
 <211> 384
 <212> PRT
 <213> mammalian

<400> 12

Met Asp Pro Ala Gly Gly Pro Arg Gly Val Leu Pro Arg Pro Cys Arg
 1 5 10 15

Val Leu Val Leu Leu Asn Pro Arg Gly Gly Lys Gly Lys Ala Leu Gln
 20 25 30

Leu Phe Arg Ser His Val Gln Pro Leu Leu Ala Glu Ala Glu Ile Ser
 35 40 45

Phe Thr Leu Met Leu Thr Glu Arg Arg Asn His Ala Arg Glu Leu Val
 50 55 60

Arg Ser Glu Glu Leu Gly Arg Trp Asp Ala Leu Val Val Met Ser Gly

65		70		75		80									
Asp	Gly	Leu	Met	His	Glu	Val	Val	Asn	Gly	Leu	Met	Glu	Arg	Pro	Asp
				85					90					95	
Trp	Glu	Thr	Ala	Ile	Gln	Lys	Pro	Leu	Cys	Ser	Leu	Pro	Ala	Gly	Ser
			100					105					110		
Gly	Asn	Ala	Leu	Ala	Ala	Ser	Leu	Asn	His	Tyr	Ala	Gly	Tyr	Glu	Gln
		115						120					125		
Val	Thr	Asn	Glu	Asp	Leu	Leu	Thr	Asn	Cys	Thr	Leu	Leu	Leu	Cys	Arg
		130					135						140		
Arg	Leu	Leu	Ser	Pro	Met	Asn	Leu	Leu	Ser	Leu	His	Thr	Ala	Ser	Gly
145						150				155					160
Leu	Arg	Leu	Phe	Ser	Val	Leu	Ser	Leu	Ala	Trp	Gly	Phe	Ile	Ala	Asp
			165						170					175	
Val	Asp	Leu	Glu	Ser	Glu	Lys	Tyr	Arg	Arg	Leu	Gly	Glu	Met	Arg	Phe
			180					185						190	
Thr	Leu	Gly	Thr	Phe	Leu	Arg	Leu	Ala	Ala	Leu	Arg	Thr	Tyr	Arg	Gly
		195						200					205		
Arg	Leu	Ala	Tyr	Leu	Pro	Val	Gly	Arg	Val	Gly	Ser	Lys	Thr	Pro	Ala
		210					215					220			
Ser	Pro	Val	Val	Val	Gln	Gln	Gly	Pro	Val	Asp	Ala	His	Leu	Val	Pro
225						230				235				240	
Leu	Glu	Glu	Pro	Val	Pro	Ser	His	Trp	Thr	Val	Val	Pro	Asp	Glu	Asp
			245						250					255	
Phe	Val	Leu	Val	Leu	Ala	Leu	Leu	His	Ser	His	Leu	Gly	Ser	Glu	Met
			260					265					270		

Phe Ala Ala Pro Met Gly Arg Cys Ala Ala Gly Val Met His Leu Phe
275 280 285

Tyr Val Arg Ala Gly Val Ser Arg Ala Met Leu Leu Arg Leu Phe Leu
290 295 300

Ala Met Glu Lys Gly Arg His Met Glu Tyr Glu Cys Pro Tyr Leu Val
305 310 315 320

Tyr Val Pro Val Val Ala Phe Arg Leu Glu Pro Lys Asp Gly Lys Gly
325 330 335

Met Phe Ala Val Asp Gly Glu Leu Met Val Ser Glu Ala Val Gln Gly
340 345 350

Gln Val His Pro Asn Tyr Phe Trp Met Val Ser Gly Cys Val Glu Pro
355 360 365

Pro Pro Ser Trp Lys Pro Gln Gln Met Pro Pro Pro Glu Glu Pro Leu
370 375 380

<210> 13
<211> 26
<212> DNA
<213> primers

<400> 13
taaagcttg caccatgggtg agcaag

26

<210> 14
<211> 29
<212> DNA
<213> primers

<400> 14
atggatccat cttgtacagc tcgtccatg

29